

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-10. (cancelled)

11. (currently amended) A tonometric device (20) for examination of respiratory insufficiency and regional tissue perfusion failure in patients comprising a distal end (22) for introducing into the gastrointestinal tract of the body of a patient, a section (24) to be introduced into the body, and a section (3) for fixing the position of the device to the patient, wherein the section to be introduced (24) comprises a first tube (1) to which an additional tubing (4) is connected, characterized in that it comprises a second tube (2) arranged substantially parallel with and fixed to the first tube (1), wherein the distal end (22) of the second tube (2) is in communicating connection with the first tube (1), and the first tube (1) and the second tube (2) are made of a material readily permeable for gases and substantially impermeable for body fluids and other substances, and an additional tubing (5) is connected to the second tube (2),

wherein the additional tubings (4, 5) are connected to each other and form a closed system with the tubes (1, 2), wherein the closed system is filled up with an aqueous solution suitable for detecting carbon-dioxide concentration, said solution containing sodium hydrogen carbonate (NaHCO₃), sodium chloride (NaCl) and phenolic red.

12. (cancelled)

13. (cancelled)

14. (currently amended) A device as claimed in claim~~13~~11, wherein the connecting means (6, 7) are constructed for connecting them to the connecting stub of a medical syringe.

15. (previously presented) A device as claimed in claim 11, wherein the outer diameter of the tubes (1, 2) ranges from 1 to 4 mm and the wall thickness ranges from 0.3 to 1.0 mm.

16. (previously presented) A device as claimed in claim 15, wherein the outer diameter of the first tube (1) ranges from 2 to 4 mm and its wall thickness from 0.5 to 1.0 mm, and the outer diameter of the second tube (2) ranges from 1.0 to 1.5 mm and its wall thickness from 0.3 to 0.5 mm.

17. (previously presented) A device as claimed in claim 16, wherein the second tube (2) is formed as a second passage (2') in the wall surrounding the passage (1') of the first tube (1).

18. (cancelled)

19. (previously presented) The device according to claim 11, wherein the first tube (1) and the second tube (2) are made of silicone rubber.

20. (previously presented) The device according to claim 11, wherein a gas of the gases is carbon dioxide.